

## <u>APPENDIX I</u>



## **FILLERS**

Patent number: US 4,725,432; Date of patent: Feb.16, 1988;

Assignee: The Procter & Gamble Company;

Teaching related to fillers: col.4, 1.57-66 (general definition as well as specific examples: talc,

Appendix 1

colloidal silica and clays such as bentonite);

Patent number: US 4,980,157; Date of patent: Dec.25, 1990;

Assignee: Revlon, Inc;

Teaching related to fillers: col.2, l. 16-24 (specific examples: talc, rice starch, bismuth

oxychloride);

Patent number: US 4,994,264; Date of patent: Feb.19, 1991;

Assignee: Revion, Inc;

Teaching related to fillers: col.3, 1. 59-62 (specific examples: talc, mica, TiO2 coated mica and

zinc oxide);

Patent number: US 5,219,561; Date of patent: Jun.15, 1993;

Assignee: L'Oréal;

Teaching related to fillers: col. 2, 1.63-col.3, 1.48 (definition: charges or fillers; examples: talc; micas, starch; kaolin, zinc and titanium oxides, magnesium carbonate or hydrocarbonate,

synthetic polymers powders such as polyethylene, polyesters and polyamides);

Patent number: US 5,223,559; Date of patent: Jun.29, 1993;

Assignee: L'Oréal;

Teaching related to fillers: col.1, 1.64-col.4, 1.2; in particular col.2, 1.62-col.4, 1.2; more particularly col.3, 1.37-col.3, 1.68 (examples: mineral powders such as spherical silica and spherical titanium dioxides, glass and ceramic beads; powders of organic materials of natural origin such as com starch, wheat starch, rice starch cross-linked or non-cross-linked; powders of spheronized (possibly cross-linked) polymers such as powders of polyamides (for example nylon or polybetaalanine), polyethylene, polymethacrylic acids, polystyrene (cross-linked by divinylbenzene), silicone resin, PTFE, etc. and powders of thermoplastic material in the form of hollow microspheres);

Patent number: US 5,356,627; Date of patent: Oct.18, 1994; Assignee: Estée Lauder;

Teaching related to fillers: col. 4, 1.36-38 (specific examples: talc nylon, mica, sericite,

polyethylene, silica, polymethylmethacrylate, bismuth oxychloride, kaolin, PTFE);

Patent number: US 5,486,354; Date of patent: Jan 23, 1996;

Assignee: L'Oréal;

Teaching related to fillers: col. 3, 1.24—col.4, 1.3 (specific examples: silica, sericite, talc, micas, starch, kaolin, zinc and titanium oxides, boron nitride, precipitated carbonate calcium, magnesium carbonate or hydrocarbonate, metallic soaps, powders based on synthetic polymers and hollow microspheres);

Patent number: US 5,612,021; Date of patent: Mar.18, 1997;

Assignee: L'Oréal;

Teaching related to fillers: col.3, 1.48—col.4, 1.21 (specific examples: silica, talc, micas, starch, kaolin, zinc and titanium oxides, boron nitride, precipitated carbonate calcium, magnesium carbonate or hydrocarbonate, metallic soaps, powders of synthetic polymers and hollow microspheres);

Patent number: US 5,750,120; Date of patent: May 12, 1998;

Assignee: L'Oréal;

Teaching related to fillers: col.1, 1.48-57 (specific examples: colourless fillers such as inorganic fillers such as starch, optionally treated with octenylsuccinic anhydride, silica microspheres or silicone resin microbeads, and/or organic fillers such as nylon powder);

Patent number: US 5,849,316; Date of patent: Dec.15, 1998;

Assignee: L'Oréal;

Teaching related to fillers: col.3, 1.43-59 (specific examples: talc, mica, silica, kaolin, powders of nylon and of polyethylene, Teflon, starch, titanium mica, natural mother of pearl, boron hydride and hollow microspheres such as Expancel).